

**METHOD FOR CONTROLLING A CENTRAL PROCESSING UNIT FOR  
ADDRESSING IN RELATION TO A MEMORY AND CONTROLLER**

**ABSTRACT**

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The present invention is based on the finding that free CPU  
operation code identifiers of a CPU or CPU operation code  
identifiers useable for any reason can be used to control  
supporting means upstream of the CPU, which is able to  
10 form, responsive to these operation code identifiers, a  
new, for example, physical address in relation to a second  
memory area having a second memory which is larger than  
the, for example, logic memory size addressable by the CPU.  
By means of the special operation code identifiers, it is  
15 thus possible in the course of an executable machine code  
to address the supporting means which monitors the data  
traffic via which the operation codes to be processed or  
the operation code identifiers are provided to the CPU,  
from the memory to the CPU, and which can take measures in  
20 relation to the new formed address when certain special  
operation code identifiers occur. In this way, on the one  
hand, a complicated redesign of the CPU and, on the other  
hand, the necessity of a software-resetting of the current  
memory window complicated as regards both the executable  
25 machine code and the processing speed are avoided.